

C:\Users\Bob_k\AppData\Local\Microsoft\Windows\InetCache\Content.Outlook\LDWSTDDA\508 ENGR FORMS 2912 CS Revised USAC Example v2.xls\F-222 Input

GVNW F-222 Input
(2002)Updated 2012
Yes

INTEREXCHANGE CABLE & WIRE FACILITY DATA INPUT

Company: Sandwich Isles Communications, Inc.

As of: 12/31/12

INPUT																										
DATA LINE	Cable Type /Description	ROUTE & Section	ACCT CODE *	LENGTH (in Feet)	(1) COST PER FT	TOTAL Pairs / Circuits	Circuits/Pairs								TOTAL Pairs / Circuits	Circuits/Pairs								TOTAL EXCL DSL DS3	DS3 FOR ALL OTHER DS3	
							EX ACCESS	DSL DS3	DSL DS1	EAS	HR	EX TRK	EXCHANGE	EX ACCESS		DSL DS3	DSL DS1	EAS	HR	EX TRK	EXCHANGE					
101	Own	Laiapua-Pukapu	20	236,644	3.1829864	2.00	0.50	1.00	0.50	0.00	0.00	0.00	0.00	2	1	1	1	-	-	-	-	-	2	1	2	
102	Own	Anahole-Uhuk	20	61,741	5.3318041	3.00	0.50	2.00	0.10	0.00	0.20	0.00	0.20	10	5	2	1	-	2	-	2	-	10	1	3	
103	L	Waimanalo-Honolulu Leased	40	58,080	0.9474545	1.00	0.07	0.00	0.00	0.33	0.00	0.00	0.00	21	14	-	-	7	-	-	-	-	21	1	1	
104	S	Laiapua-Honolulu Leased	40	1,019,040	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	-	-	-	-	-	-	-	3	1	1	
105	S	Pukapu-Honolulu Leased	40	1,008,480	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	-	-	-	-	-	-	-	3	1	1	
106	S	Waialua-Honolulu Leased	40	533,280	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-	3	-	-	-	-	-	-	-	3	1	1	
107	S	Hilo-Honolulu Leased	40	1,272,480	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	-	-	-	-	-	-	-	3	1	1	
108	S	Anahole-Honolulu Leased	40	591,360	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	-	-	-	-	-	-	-	3	1	1	
109	L	Pukapu-Hilo Leased	40	248,160	0.9474545	2.00	0.50	1.00	0.17	0.33	0.00	0.00	0.00	6	3	1	1	2	-	-	-	-	6	1	2	
110	L	Waimanalo-Military Leased	40	116,160	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
111	L	Waimanalo-Papaikou Leased	40	47,520	0.9474545	2.00	0.00	1.00	0.25	0.50	0.25	0.00	0.00	4	-	1	1	2	1	-	-	4	1	2		
112	Own	Uhuk-Kakaha	20	147,932	4.5069356	3.00	0.60	2.00	0.00	0.00	0.40	0.00	0.00	5	3	2	-	-	2	-	-	-	5	1	3	
113	L	Hilo-Hilo Leased	40	15,840	0.9474545	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	2	-	-	-	2	-	-	-	-	2	1	1	
114	L	Laiapua-Hilo Leased	40	322,080	0.9474545	1.00	0.00	0.00	0.33	0.67	0.00	0.00	0.00	3	-	-	1	2	-	-	-	-	3	1	1	
115	L	Kalahele-Waimanalo Leased	40	-	-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
116	L	Waialua-Waikuku Leased	40	10,560	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
117	L	Anahole-Uhuk Leased	40	68,640	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
118	S	Kakaha-HNL Leased	40	739,200	1.0569502	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	3	3	-	-	-	-	-	-	-	3	1	1	
119	L	Waimanalo-Kaipoi Leased	40	-	-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
120	L	Waimanalo-Kaipoi Leased	40	126,720	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
121	L	Waimanalo-Kaipoi Leased	40	132,000	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
122	L	Waimanalo-Naalehu Leased	40	158,400	0.9474545	3.00	0.23	2.00	0.15	0.23	0.08	0.00	0.31	26	6	2	4	6	2	-	8	26	1	3		
123	L	Waimanalo-Oahu Leased	40	95,400	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
124	L	Waimanalo-Ka Waihou Leased	40	158,400	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
125	L	Waimanalo-Pahee Leased	40	174,240	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
126	L	Waimanalo-Waihee Leased	40	179,520	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
127	L	Kalahele-Kiki Leased	40	5,280	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
128	L	Waialua-Puunene Leased	40	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	-	-	-	-	-	-	-	1	1	1		
129	L	Hilo-Disc-Honolulu Leased	40	350,040	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		
130	S	Waialua-Lana Leased	40	153,120	1.0569502	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	2	-	-	-	2	-	-	-	-	2	1	1	
131	L	Waialua-Paukukalo Leased	40	5,280	0.9474545	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1	-	-	-	-	-	-	-	1	1	1		

C:\Users\Bob_k\AppData\Local\Microsoft\Windows\InetCache\Content.Outlook\LDWSTDDA\508 ENGR FORMS 2012 CS Revised USAC Example v2.xls\F-222input

GVNW F-222 Input
(2002)Updated 2012
Yes

INTEREXCHANGE CABLE & WIRE FACILITY DATA INPUT

Company: **Sandwich Isles Communications, Inc.**As of: **12/31/12**

DATA LINE	Cable Type /Description	ROUTE & Section	ACCT CODE *	LENGTH (in Feet)	(1) COST PER FT	TOTAL Pairs / Circuits	Circuits/Pairs								TOTAL Pairs / Circuits	Circuits/Pairs								TOTAL EXCL DSLS DS3	DS3 FOR ALL OTHER DS3s
							IX ACCESS	DSL DS3	DSL DS1	EAS	HR	EX TRK	EXCHANGE	IX ACCESS		DSL DS3	DSL DS1	EAS	HR	EX TRK	EXCHANGE				
132	PANIOLO	Puukapu-Kawiliha Paritolo	50	72,874	61.1245345	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1	1	2	-	-	-	-	-	-	1	1 3	
133	PANIOLO	Kawiliha-Makaha Paritolo	50	367,451	15.4232998	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1	1	2	-	-	-	-	-	-	1	1 3	
134	PANIOLO	Makaha-Puunene Paritolo	50	68,636	61.1245345	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1	1	2	-	-	-	-	-	-	1	1 3	
135	PANIOLO	Puunene-Leleiali Paritolo	50	123,271	61.1245345	5.00	1.00	4.00	0.00	0.00	0.00	0.00	0.00	1	1	3	-	-	-	-	-	-	1	1 4	
136	PANIOLO	Leleiali-Onesali Paritolo	50	140,289	15.4232998	5.00	1.00	4.00	0.00	0.00	0.00	0.00	0.00	1	1	3	-	-	-	-	-	-	1	1 4	
137	PANIOLO	Onesali-Kalaniana'olani Paritolo	50	22,108	61.1245345	5.00	1.00	4.00	0.00	0.00	0.00	0.00	0.00	1	1	3	-	-	-	-	-	-	1	1 4	
138	PANIOLO	Kalaniana'olani-Onesali Paritolo	50	22,100	61.1245345	6.00	0.75	5.00	0.00	0.00	0.25	0.00	0.00	1	0.75	4	-	-	0.25	-	-	-	1	1 5	
139	PANIOLO	Onesali-Sandy Paritolo	50	293,717	15.4232998	6.00	0.75	5.00	0.00	0.00	0.25	0.00	0.00	1	0.75	4	-	-	0.25	-	-	-	1	1 5	
140	PANIOLO	Sandy-Waimanalo Paritolo	50	28,946	61.1245345	6.00	0.75	5.00	0.00	0.00	0.25	0.00	0.00	1	0.75	4	-	-	0.25	-	-	-	1	1 5	
141	PANIOLO	Makaha-Nanakuli Paritolo	50	54,282	61.1245345	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1	1	2	-	-	-	-	-	-	1	1 3	
142	PANIOLO	Nanakuli-Makaha Paritolo	50	643,333	15.4232998	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1	1	2	-	-	-	-	-	-	1	1 3	
143	PANIOLO	Kekaha-Kekaha CO Paritolo	50	4,746	61.1245345	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1	1	2	-	-	-	-	-	-	1	1 3	
144	Own	Waiohale-Puunene-Onesali	20	50,832	3.8700000	1.91	1.00	0.00	0.65	0.18	0.18	0.00	0.00	11	1	2	6	2	2	-	-	-	11	1 3	

C:\Users\ibob_k\AppData\Local\Microsoft\Windows\NetCache\Content.Outlook\LDWSTDDA\506 ENGR FORMS 2012 CS Revised-USAC Example v2.xls\F-222Sum

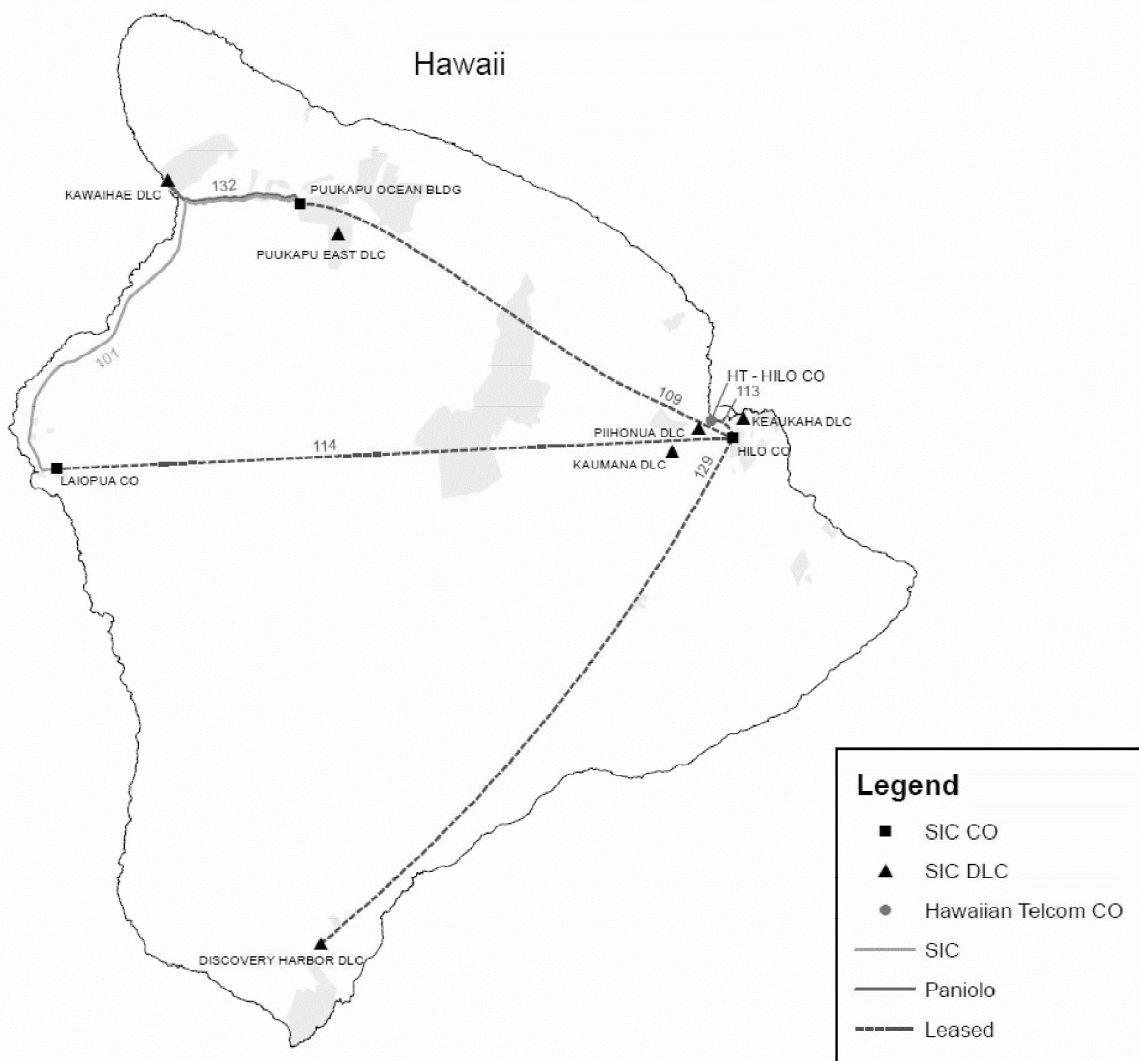
GVNW F222 Sum
(2002)

Cable & Wire Facilities
Sandwich Isles Communications, Inc.
2012
Route & Section Summary

Facility			Total Investment	CAT 3.23 IX Access	CAT 3.22 DSL DS3	CAT 3.22 DSL DS1	CAT 2 EAS	CAT 4 Host Remote	CAT 2 Exchange Trunk	CAT 1 Exchange
10	2410.10	Laipua-Puukapu Conduit	43,297,559	11,104,422	22,193,487	6,393,921	511,284	953,735	0	2,140,710
20	2410.20	Laipua-Puukapu UG	2,052,290	497,335	1,111,650	259,042	18,735	136,686	0	28,841
30	2410.30	Underground Cable	11,167,162	0	0	0	0	0	0	11,167,162
40	2410.40	Other Leases	7,781,209	5,564,932	240,123	134,636	460,615	9,476	0	1,371,427
50	2410.50	Paniolo Lease	46,547,608	17,084,919	29,138,870	0	0	323,819	0	0
60	2410.60	Aerial Wire	0	0	0	0	0	0	0	0
70	2410.70	Underground Conduit	86,441,337	0	0	0	0	0	0	86,441,337
12/31/12	End of Period		197,287,165	34,251,607	52,684,129	6,787,599	990,635	1,423,717	0	101,149,477
12/31/11	Beg of Period		197,366,985	41,228,518	49,271,421	3,110,060	2,065,991	1,777,069	0	99,913,925
STUDY PERIOD AVERAGE (PRIOR TO WB ADJ)			197,327,075	37,740,063	50,977,775	4,948,830	1,528,313	1,600,393	0	100,531,701
STUDY PERIOD AVERAGE - WIDEBAND LOOP ADJUSTMENT							355,733			(355,733)
STUDY PERIOD AVERAGE - INCLUDING WB ADJ			197,327,075	37,740,063	50,977,775	4,948,830	1,884,046	1,600,393	0	100,175,968

WIDEBAND

			Cat 1 Portion - Allocated by Loops on F-203				
			IS-ER	IS-RA	ST-ER	ST-RA	Data Only
12/31/12	End of Period	Total Cat 1					101,149,477
Wideband loops / Total Loops (F-203)							0.005422
12/31/12	Wideband portion of CAT 1 - for Direct Assign.		548,432	487,495	0	0	60,937
12/31/11	Wideband portion of CAT 1 - for Direct Assign.		163,032	163,032	0	0	0
STUDY PERIOD AVERAGE - Loop Portion of 2410.20 to DA			355,733	325,264	0	0	30,469
			IX Portion - Allocated by Kilometers on F-200WB				
			IS-ER	IS-RA	ST-ER	ST-RA	
12/31/12	End of Period	IX Wideband	59,471,728	59,471,728	0	0	0
12/31/11	Beg of Period	IX Wideband	52,381,481	52,381,481	0	0	0
STUDY PERIOD AVERAGE - IX Portion of 2410.322 to DA			55,926,604	55,926,604	0	0	0
STUDY AVE-TOTAL 2410.20 TO DIRECT ASSIGN			355,733	325,264	0	0	30,469
STUDY AVE - EAS allocated on Factor 11			1,528,313				
TOTAL 2410.20			1,884,046				

EXHIBIT B: ROUTE MAPS²³

²³ These maps were created by SIC and provided to IAD to represent all active interexchange routes on each island as of December 31, 2013. The maps were provided December 8, 2015. Only interexchange routes are noted (no routes between central offices and end users.) The numbers next to each line are “route numbers” – these identifiers were used in the cable and wire cost study reconciliations.

Sandwich Isles Communications, Inc.'s List of Central Offices (as of 12/31/15) and
Illustrative Maps of its Interexchange Cable and Wire Facilities (as of 12/31/2012)Tariff F.C.C. No. 4
Wire Center Report - Effective2/5/2016
4:47:26 pm
Page 1 of 2

Criteria: ASEC: 3021

Locality NPA/NXX Range Leasing Company/Locality	CLLI Office Type	Host Switch Serving LATA	LRN Company Presence	WCV	WCH	ASEC	Residing Lata State Locality	Effective	
								From	Thru
ANAHOLA 808/820 0-9999	ANHLHI01DS0 DA DD GR HB IA IB IC II OE TJ TZ			11304	15877	3021	834	03/01/2013	
HILO 808/920 0-9999	HILOHI05DS0 DA DD GR HB IA IB IC II OE TJ TZ			12128	15069	3021	834	03/01/2013	
KALAMAULA 808/560 0-9999	KKAIHI01RS1 IA IB IC II OE TJ TZ	WMLOHIADDS0		11690	15445	3021	834	03/01/2013	
KEKAHA 808/320 9000-9999	KKHAHISIDS0 DA DD GR HB IA IB IC II OE TJ TZ			11317	15967	3021	834	03/01/2013	
* KULA 808/740 9000-9999	KULAHISIDS0 DA DD GR HB IA IB IC II OE TJ TZ			11816	15311	3021	834	03/01/2013	
LAIOPUA 808/355 0-9999	KLUAHISIDS0 DA DD GR HB IA IB IC II OE TJ TZ			12086	15267	3021	834	03/01/2013	
NANAKULI 808/620 9000-9999 808/628 4000-4999	NANAHIAJDS0 DA DD GR HB IA IB IC II OE TJ TZ			11557	15661	3021	834	03/01/2013	
PAPAKOLEA 808/520 2000-2999 808/520 8000-8999 808/520 9000-9999	PPKLHI01RS0 IA IB IC II OE TJ TZ	WMLOHIADDS0		11591	15604	3021	834	03/01/2013	
PUUKAPU	PKPUHI01DS0			12022	15186	3021	834	03/01/2013	

© NECA
Page 134 of 243

*Kula became a central office after 2012.

SIC0152119

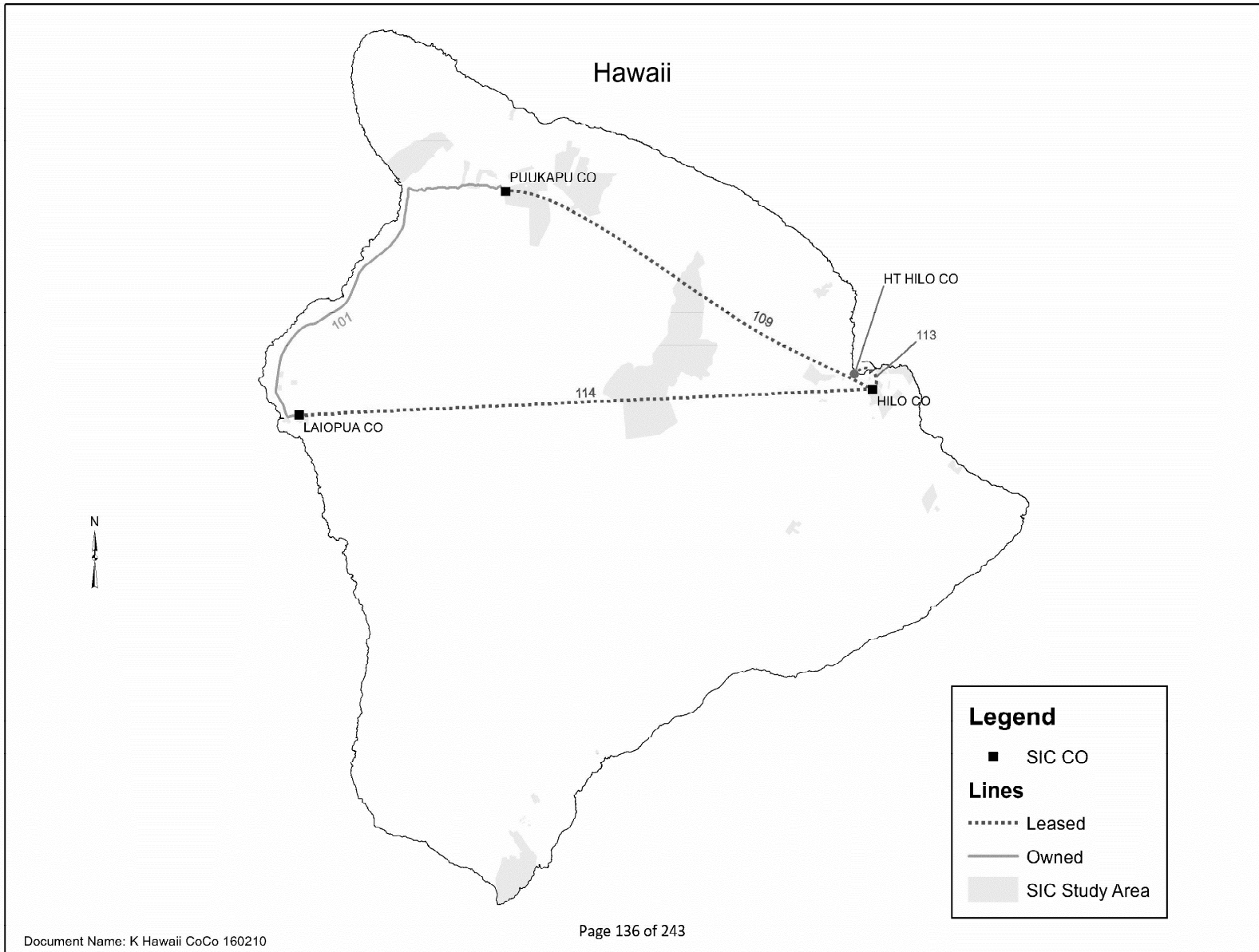


Tariff F.C.C. No. 4
Wire Center Report - Effective

2/5/2016
4:47:26 pm
Page 2 of 2

Criteria: ASEC: 3021

Locality	CLLI	Host Switch	LRN	WCV	WCH	ASEC	Residing Lata	Effective
NPA/NXX Range Leasing Company/Locality	Office Type	Serving LATA	Company Presence	Serving Locality/State		NPA/NXX Range	State Locality	From Thru
808/890 0-9999		DA DD GR HB IA IB IC II OE TJ TZ						Tandem
WAIEHU	WAHUHI01DS0			11760	15339	3021	834	03/01/2013
808/760 0-9999		DA DD GR HB						
808/770 0-9999		IA IB IC II OE TJ TZ						
WAIMANALO	WMLOHIADDS0			11596	15574	3021	834	03/01/2013
808/426 1000-1999		DA DD GR HB						
808/426 9000-9999		IA IB IC II OE TJ TZ						



SIC0152121